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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/085,883	02/27/2002	Kari-Pekka Wilska	297-005893-US (C02)	1197
2512	7590	01/08/2010	EXAMINER	
Perman & Green, LLP 99 Hawley Lane Stratford, CT 06614			DOAN, PHUOC HUU	
			ART UNIT	PAPER NUMBER
			2617	
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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/085,883	<b>Applicant(s)</b> WILSKA ET AL.	
	<b>Examiner</b> PHUOC DOAN	<b>Art Unit</b> 2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 01 October 2009.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 10-13, 16, 18 and 27-41 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 10-13, 16, 18, and 27-41 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)         | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)         | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                          |

## DETAILED ACTION

### *Response to Arguments*

Applicant's arguments with respect to claims 10-13, 16, 18, and 27-41 have been considered but are moot in view of the new ground(s) of rejection.

### *Claim Rejections - 35 USC § 101*

35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 32-34, and 36-39 are rejected under 35 U.S.C. 101, because the claimed invention is directed to non-statutory subject matter.

As to claim 32, the claimed limitations described “**computer readable program**...” in the preamble lacks proper support in the specification, i.e., the specification was not described “**computer readable program**”.

### *Claim Rejections - 35 USC § 112*

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 32-34, and 36-39 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. The specification was not described computer readable program".

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 10-13, 16, 18, and 27-41 are rejected under 35 U.S.C. 103(a) as being unpatentable over Parulski in view of Aoki (US Patent No: 5,438,359).

As to claim 10, Parulski discloses an apparatus comprising: a card shaped body having an interface conforming to the standard for PCMCIA circuit cards and adapted to be received in a PCMCIA compatible card slot

of said host computer (col. 4 through col. 5, lines 63-44 **“PCMCIA memory card slot 16 of the portable computer 10 by means of an extender board 24 that matches PCMCIA card dimensions”**), a camera unit (the camera 10) constructed in the card shaped body, the camera unit (col. 5, lines 21-22) comprising an image sensor for receiving image data from an optical element and a processor configured to adapt said received image data for transmittal to the host computer though the PPCMCAI interface (see col. 3, lines 50-65, col. 4 through col. 5, lines 63-44, and col. 5, lines 35-67 **“signal processor 52 in associated logic circuit 54 to controlled an optical unit for acquiring image data by 42 and 44 performed fully function of circuit cards to invented by Model EPM7069, MANUFACTURED BY Altera Corporation”**); and wherein the optical element is configured to remain are external to the host computer when connected to the host computer via the PCMCIA interface (Fig. 3 with description; col. 5 lines 20-65 **“the optical system 28 associated with signal processor 52 provides the processed image signal to the computer 10”**). However, Parulski does not disclose the apparatus is configured for image capture.

However, in the same field of endeavor, Aoki discloses the apparatus is configured for image capture (col. 3, lines 50-61 **“image processing and image memory onto the IC memory card that has been captured”**).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to provide the apparatus is configured for image capture as taught by Aoki to the system of Parulski in order to improve an image data to record on an IC memory.

**As to claim 11**, Parulski further discloses wherein the camera unit comprises memory unit at least volatile and non volatile memory (col. 5, lines 45-60).

**As to claim 12**, Parulski further discloses comprising a power supply for providing power to maintain obtained image information in said memory unit (Fig. 3, item 48, col. 6, lines 35-54).

**As to claim 13**, Parulski further discloses wherein image sensor comprises a semiconductor image sensor (col. 5, lines 25-30).

**As to claim 16, 18**, Parulski further discloses further comprises software program for performing a character recognition task on image information obtained by said image sensor generate a set of recognized characters (col. 5, lines 20-50”**software program is required for performing on image information controlled by element signal processor 52, 46, CCD driver 44, and CCD imager 42**”).

**As to claim 27**, Parulski further discloses a host computer adapted to be associated with according to claim 10 via a PCMCIA interface and

configured to receive captured image information from the camera unit of said apparatus via the PCMCIA interface (See Fig. 2A with description; col. 5 lines 1-20, col. 6, lines 25-35).

**As to claim 28**, Parulski further discloses wherein the host computer is a personal communication device (see Fig. 1 with description).

**As to claim 29**, claim is rejected for the same reason as set forth in claim 10.

**As to claim 30**, claim is rejected for the same reasons as set forth in claim 29.

**As to claim 31**, claim is rejected for the same reasons as set forth in claim 29.

**As to claim 32**, claim is rejected for the same reasons as set forth in claim 10.

**As to claim 33**, Parulski further discloses a PCMCIA card according to claim 32, comprising computer readable code for performing a character recognition task on image information obtained by said camera unit to generate a set of recognized characters (col. 6, lines 30-36).

**As to claim 34**, Parulski further disclose a PCMCIA card according to claim 32, comprising computer readable coded for performing a pattern

recognition task on a graphical object in image information  
obtained by said camera unit (col. 5, lines 1-20).

**As to claim 35**, Parulski further discloses a host computer according to claim 27, wherein the host computer comprises a cellular mobile telephone unit (col. 5, lines 1-20 “the PCMCIA card slot 16 to form a convenient hand held unit or mobile telephone unit for taking pictures”).

**As to claim 36**, Parulski further discloses a host computer according to claim 35, wherein the cellular mobile telephone unit comprises a fax modem (col. 5, lines 1-20 “the PCMCIA card slot 16 to form a convenient hand held unit or mobile telephone unit which is inherently to used a telephone modem”).

**As to claim 37**, Parulski further discloses a host computer according to claim 36, comprising application software that enables at least a portion of the image information captured by the camera unit to be transmitted by the cellular mobile telephone unit as a fax transmission (col. 5, lines 1-20).

**As to claim 38**, Parulski further discloses a host computer according to claim 35, comprising application software that enables at least a portion of the image information captured by the camera unit to be transmitted by the



cellular mobile telephone unit as a Short Message Service (SMS) (col. 5, lines 1-20 “a convenient hand held unit or mobile telephone unit which is inherently hand held unit can transmitted a Short Message Service”).

**As to claim 39**, Parulski further discloses a host computer according to claim 35, comprising application software that enables at least a portion of the image information recorded by the camera unit to be transmitted by the cellular mobile telephone unit in an electronic mail message (col. 5, lines 1-20 “a convenient hand held unit or mobile telephone unit which is inherently hand held unit can transmitted an electronic mail message”).

**As to claim 40**, Parulski further discloses a host computer according to claim 27, comprising a business card handling application configured to allow a user of the host computer to select information fields from an image of a business card captured by said camera unit (col. 5, lines 1-20).

**As to claim 41**, Parulski further discloses a host computer according to claim 27, comprising a contact list application for maintaining an electronic list of contacts (col. 5, lines 1-20), said contact list application being configured to enable at least a portion of the image information

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captured by said camera unit to be used as an input to the contact list (col. 5, lines 60-65 "information captured by camera unit is accessed to memory").

### ***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PHUOC DOAN whose telephone number is (571)272-7920. The examiner can normally be reached on 10:00AM to 6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, LESTER KINCAID can be reached on 571-272-7922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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/PHUOC DOAN/

Examiner, Art Unit 2617

/LESTER KINCAID/

Supervisory Patent Examiner, Art Unit 2617